

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	9	("4558365"   "4574311"   "4602289"   "5274476"   "5345099"   "5703641"   "6211915"   "6236434"   "6522356").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/22 13:57
S4	4	("6831692").URPN.	USPAT	OR	ON	2006/10/22 14:00
S3	20	("4574311").URPN.	USPAT	OR	ON	2006/10/22 14:00
S5	1	("6831692").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/22 14:03
S8	4	"9205589"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/22 14:10
S7	4	("9205589").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/22 14:10
S6	5	("20040125226"   "5610390"   "6777661"   "6831692"   "6850277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/22 14:10
S9	16	("4558365").URPN.	USPAT	OR	ON	2006/10/22 14:13
S12	1018	348/272-283.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/22 14:19
S11	3845	348/294-324.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/22 14:19
S13	1632	S10 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/22 14:20
S15	2	("6512887").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 10:09

## EAST Search History

S14	429	S10 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 10:09
S18	2	("3952190").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 10:10
S17	2	("6061522").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 10:10
S16	2	("6154610").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 10:10
S19	2	("5412231").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 10:53
S20	2	("4641081").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 11:02
S10	117944	(pixel or cell) with (two or "2") with (region or area or photodiodes or sens\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 11:56
S21	31842	(pixel or cell) with (two or "2") near2 (region or area or photodiode or sens\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 11:57
S22	187	S21 and 348/272-283.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 11:58
S23	4	"2002016835"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 12:20

## EAST Search History

S24	5	("20040125226"   "5610390"   "6777661"   "6831692"   "6850277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 12:41
S26	712	S21 and 348/294-324.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 12:45
S25	12	(Uno near2 masayuki)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 12:45
S27	6	("5288988"   "5424529"   "5587738"   "5698844"   "6731335"   "RE34309").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 12:48
S29	2	("6236434").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 12:57
S28	0	("7116367").URPN.	USPAT	OR	ON	2006/10/23 12:57
S31	1	"20010010553"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 12:59
S30	7	("4558365"   "4602289"   "5210613"   "5306906"   "5376967"   "5528291"   "5608455").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 12:59
S33	0	"200332549"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:01
S32	1	"20030141564"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:01
S34	0	"200332549"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:02
S35	4	"2003032549"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:11
S36	4	("6809761").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 13:13

## EAST Search History

S38	948	pixel with (honeycomb or zig adj1 zag or half adj1 pitch or 1/2 adj1 pitch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:15
S37	2	("20020057903").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 13:15
S39	175	S21 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:24
S40	2	("6137100").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 13:27
S41	5	"06178198"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:35
S42	2	("6831692").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 13:37
S44	6	"10136391"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 13:43
S43	7	("5801773").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 13:43
S45	5	("20040125226"   "5610390"   "6777661"   "6831692"   "6850277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:57
S47	3	"20030184659"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/23 14:07

## EAST Search History

S46	2	("4870495").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 14:07
S49	2	("7116367").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 14:16
S48	22	((("6924841") or ("6593970") or ("6771312") or ("6859230") or ("20020027189") or ("6765611") or ("6970195") or ("4819074") or ("6211915") or ("5420635"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 14:16
S52	12	("5262871"   "5818526"   "6005237"   "6091449"   "6352869"   "6507365"   "6512545"   "6657177"   "6657665"   "6674470"   "6697114"   "6714239").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 14:18
S51	2	("6982759").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/23 14:18
S50	6	("5288988"   "5424529"   "5587738"   "5698844"   "6731335"   "RE34309").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 14:18
S53	0	("7116367").URPN.	USPAT	OR	ON	2006/10/23 14:23
S1	85	348/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:12
S54	253	348/364.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:38
S55	46	weight\$3 same adequate same value same exposure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:44
S56	416677	(measur\$5 or detect\$3) near4 (light\$3 or bright\$3 or luminance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 16:46

## EAST Search History

S60	1043	348/362-367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:17
S57	10914	S56 same weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:17
S61	56	S60 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:41
S62	532	348/296,297.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:42
S63	10	S57 and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:46
S64	436	348/221.1,229.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:47
S65	21	S57 and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:50
S66	3	("6744471").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 17:51
S68	1	S57 and S67	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:52
S67	193	348/349.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:52

## EAST Search History

S69	16141	(honeycomb or zigzag or half adj1 pitch or 1/2 adj1 pitch) same (pixel or cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:53
S71	69169	"348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:54
S70	593	S56 and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 17:54
S72	75	S70 and S71	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 08:55
L2	697	Harada near2 koichi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 08:59
L1	2	"20030141564"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 08:59
L3	697	(Harada near2 koichi).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 09:00
L4	5	2 and sony and divided	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 09:02
L6	4	("4875098"   "5239192"   "5335075"   "5572256").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 09:03
L5	2	("6211915").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 09:03

## EAST Search History

L7	1464	257/291,292.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 09:05
L9	3277	250/208.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 09:09
L11	62	9 and (honeycomb or zigzag or 1/2 adj1 pitch or half adj1 pitch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 09:18
L12	2	("6831692").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 10:01
L14	2	("7116367").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 10:11
L15	2	("6982759").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 10:18
L16	2	("6570620").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 10:25
L17	2	("5111301").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 10:29
L19	2	"09205589"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 10:34
L18	2	("6630960").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 10:34



## EAST Search History

L36	5	("20040125226"   "5610390"   "6777661"   "6831692"   "6850277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 11:10
L37	129	348/315.CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 11:18
L39	2	("6236434").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 11:24
L38	2	("4602289").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 11:24
L8	19	7 and (honeycomb or zigzag or 1/2 adj1 pitch or half adj1 pitch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:28
L42	9126	41 and (image or video)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:29
L41	22343	40 same weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:29
L40	568955	(measur\$5 or detect\$3 or determin\$3 or calculat\$3) near4 (light\$3 or bright\$3 or intensity or luminance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:29
L43	602	42 and "348"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 11:41
L13	2	("4558365").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 12:06

## EAST Search History

L47	2	("4602289").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 12:09
L51	528704	"257"/\$.ccls. or "250"/\$.ccls. or "396"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 12:10
L53	350	52 and exposure same (parameter or value)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 12:11
L52	1075	42 and 51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 12:11
L46	234	43 and exposure same (parameter or value)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 12:11

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L56	330	(Hitoshi near2 Yamashita or Naoki near2 Kubo or Keizou near2 Uchioke).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 12:54
L57	17	56 and image adj1 sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 12:54
L58	1	(image and sensor and (pixel or cell) and vertical and horizontal and (two or "2") and (region or area or photosensitive) and half and pitch and photometr\$3 and weight\$3). clm.	US-PGPUB	OR	ON	2006/10/27 12:55